



Advances in Biomaterials and Biobased Polymers

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Message from the Guest Editor

Dear Colleagues,

Biobased polymers are an important class of polymer based on biological origin that may be classified into polysaccharides, polyester, polyamides, polypeptide, etc. Natural polymers are an alternative to synthetic polymers due to its generation from renewable resources. Biopolymers are excellent materials for application as biomaterials as they have unique properties of biodegradability and biocompatibility. The presence of an abundant functional group make it very easy of further chemical modification for specific biomedical application. Polymer processing is key to give some shape, such as membrane, nanofiber, beads, nanoparticles, etc., for application in specific fields of research. Natural polymers can be processed by itself or by compositing or blending with a synthetic polymer of specific interest. Biobased polymers are not only very useful for application in the area of biomedicine but also for environmental applications.





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Message from the Editor-in-Chief

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